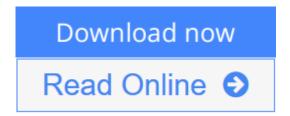


# A Mathematical Introduction to Fluid Mechanics (Texts in Applied Mathematics)

By Alexandre J. Chorin, Jerrold E. Marsden



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A presentation of some of the basic ideas of fluid mechanics in a mathematically attractive manner. The text illustrates the physical background and motivation for some constructions used in recent mathematical and numerical work on the Navier- Stokes equations and on hyperbolic systems, so as to interest students in this at once beautiful and difficult subject. This third edition incorporates a number of updates and revisions, while retaining the spirit and scope of the original book.



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